

Vol. 15, No. 17

WEEKLY REPORT

April 30, 1966 Week Ending

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

EPIDEMIOLOGIC NOTES AND REPORTS CARBON MONOXIDE POISONING - Illinois

On April 1, 1966, the Ogle County Coroner in Illinois requested that the State Health Department Toxicology Laboratory in Chicago assist in an investigation of the mysterious death of a 48-year-old man and the illness of his wife and a guest. On Thursday, March 31, 1966, the man had been found dead in his home near Rochelle, Illinois; his wife and the guest were found alive but unconscious. As chemical or bacterial poisoning was suspected initially, an autopsy was carried out and material submitted for analysis along with specimens of food from the house. Analysis of the blood of the dead man,

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however, showed a high concentration of carbon monoxide in his blood.

Investigation by the staff of the State Health Department revealed that following the death a wake had been held on the night of April 2 in the home of the dead man. Fifteen persons stayed overnight and next morning 14 of them were treated in hospital for headache, nausea and (Continued on page 146)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES (Cumulative totals include revised and delayed reports through previous weeks)

	17th WE	EK ENDED	MEDIAN	CUMULA	TIVE, FIR	ST 17 WEEKS
DISEASE	APRIL 30, 1966	MAY 1, 1965	MEDIAN 1961 – 1965	1966	1965	MEDIAN 1961 – 1965
Aseptic meningitis Brucellosis	18 6	36 1	20 5	461 65	490 64	410 117
Ulphtheria	or over the Tallace	3	ma mana 4 ma	50	72	104
encephalitis, primary:		CHEEK PARKET		U. C. S. S. C.		and the last of
Arthropod-borne & unspecified	17	32	A JOHN CO.	410	510	
Incephalitis, post-infectious	14	22	All the second	285	260	dT awaren
depatitis, serum depatitis, infectious	15 531	629	833	414 11,598	13,034	17,158
reasies (rubeola)	8,163	10,603	18,177	125,966	162,029	219.098
Ollomyelitis, Total (including unspecified)		_	3	7	6	47
raralytic	PERMITTED NO.	-1100 -200	3	6	4	42
MUIDARAIVIIC	this writingstone	In observe	(1 10) (944) T	1 mm2-1	2	
leningococcal infections, Total	65	72	62	1,696	1,454	1,006
Civilian Military Whella (Gorman mongles)	56	64		1,482	1,323	
Military	9	8	***	214	131	
	2,003	LEAST CONTROL	translation section.	24,629	7607, 12063	
"EDIOCOCCAL SOFA throat & Scarlet favor	10,482	8,079	7,921	197,197	185,582	162,304
	Free Land	4	the thirty was not a	35	64	4 1150000000
ularemia	- 4	3	SHIP TO A SHIP TO A SHIP	47	61	
ularemia yphoid fever	11	144	4	93	103	116
Typhus, tick-borne (Rky. Mt. Spotted fever)	m 7	2		9	8	III Factorial
Rabies in Animals	116	92	107	1,518	1,781	1,443

NOTIFIABLE DISEASES OF LOW FREQUENCY

The second secon	Cum.	the ways of our No are conflicted to shirely	Cum.
Anthrax: Leptospirosis: Malaria: D.C1, N.Y.C1, Pa1, Calif1. Va1 Psittacosis: Lyphus, murine:	91 16	Botulism: Trichinosis: Ohio-1, W.Va1 Rabies in Man: Rubella, Congenital Syndrome:	1

EPIDEMIOLOGIC NOTES AND REPORTS CARBON MONOXIDE POISONING - Illinois

(Continued from front page)

dizziness; four of them were detained in hospital for several days. The one person attending the wake who did not become ill had slept in a room next to an open open window.

An inspection of the premises was conducted by State Health Department engineers. The one-story house has a partial basement containing a furnace fired with bottled gas; a fan in the basement circulates warm air through the underside of the house to prevent pipes from freezing. When the furnace is lighted, air is drawn down through the windows, doors and chimney of the house. This year was the first time that all the fireplaces were sealed to prevent drafts and all windows were closed at night for sleeping. Accordingly, the air supply to the furnace was deficient and carbon monoxide accumulated in the basement. State engineers investigating the heating system found that a valve in the flue was stuck in the open position so that carbon monoxide freely circulated throughout the house.

The house had been closed for several days prior to the night of March 30; the deceased man was found dead on March 31 near the door to the furnace room; the wife and the guest were unconscious, but recovered.

On the night of April 2 when all were gathered for the wake, the house which had been well aired during the day was closed up because of the cold and the thermostat on the furnace turned up high to warm the house. The furnace apparently functioned until the oxygen supply was so depleted that it went out. Thereafter, carbon monoxide gradually seeped into the house by convection and affected all except the one visitor who slept by an open window. By 6:00 a.m. next morning all but this one man were overcome.

Laboratory studies indicated that the deceased man had a 60 percent concentration of carbon monoxide in his blood. Of the four persons who were hospitalized, carbon monoxide saturation levels were determined in the blood of three patients: 40 percent in a 13-year-old boy; 30.4 percent in a 72-year-old woman; and 29.3 percent in a 79-year-old man. All four have recovered.

In order to prevent a recurrence it has been recommended that a duct be placed in the basement which would draw air direct to the furnace, and that an alarm system should be installed for the detection of carbon monoxide in the basement.

(Reported by Dr. Franklin D. Yoder, Director of Public Health, Dr. Norman J. Rose, Chief, Epidemiology Bureau, Dr. Frank F. Fiorese, Chief, Bureau of Toxicology, and Mr. Merlin J. Rohlinger, Chief Chemist, all of the Illinois Department of Public Health.)

SURVEILLANCE SUMMARY SHIGELLA - FOURTH QUARTER, 1965

During the fourth quarter of 1965, 2,429 shigella isolations from human sources were reported from 52 centers. This represents an increase of 8.1 percent over the 2,248 isolations reported during the third quarter of 1965 (MMWR, Vol. 14, No. 50). Starting in January 1964, 17 States have been reporting shigella isolations consistently; the data from these 17 States for the whole of 1964 suggested a seasonal pattern of increased activity in July, with peak incidence occurring in September. The comparable data for 1965 from these same States has indicated a similar seasonal pattern, but with a peak of activity occurring one month later, in October. The total number of isolations reported in 1965 is less than that reported in 1964 (Figure 1).

The age and sex distribution during the fourth quarter is consistent with the pattern in previous quarters. Two-thirds of shigella isolations were reported from children under 10 years of age. No sex predilection for shigella was apparent.

During the fourth quarter of 1965, 27.4 percent of the isolations were from families in which shigella was

isolated from more than one member, as compared to 22.5 percent isolated from families during the third quarter of 1965.

There were 18 different serotypes reported during the fourth quarter, compared to 13 during the previous quarter. The six most frequently reported serotypes have been the same since shigella reporting was begun in January 1964; Table 1 shows the order of frequency of the serotypes during the past two quarters. Only the major numbered subgroups of S. flexneri have been listed since all States do not perform final serotyping.

Table 1

	Fourth Qu	Previo	us Quarter		
Rank	Serotype	Number	Percent	Rank	Percent
10	S. sonnei	912	37.4	1	32.4
2	S. flexneri 2	596	24.4	2	26.9
3	S. flexneri 3	247	10.1	3	12.0
4	S. flexneri 4	144	5.9	4	7.9
5	S. flexneri 6	135	5.5	5	3.8
6	S. flexneri 1	77	3.2	6	3.6

These six most common serotypes again account for over 85 percent of all isolations. Shigella sonnei and S. flexneri 2 have consistently been the two most commonly isolated.

The regional differences in distribution of the S. flexneri and S. sonnei isolations are similar to previous quarters, with about 75 percent of all shigella isolations in the South being S. flexneri, compared to a range of 40 to 50 percent in the North. The ratio of S. flexneri to S. sonnei isolations during the fourth quarter of 1965 was highest in the Southwest, 4:27, and lowest in the Northwest, 0:75.

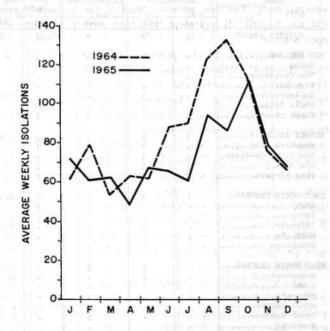
The 11 isolations of shigella from nonhuman sources reported during the fourth quarter of 1965 are summarized in Table 2.

Table 2

	H III	usic B	
Serotype	Number of Isolations	Reporting Center	Source
S. flexneri	1	North Carolina	"Ice balls"
S. flexneri 1a	1	Illinois	Monkey
S. flexneri 3	2	Texas (2)	Monkeys
S. flexneri 4b	1	Illinois	Monkey
S. sonnei	6	Connecticut (2)	Monkeys
	-	Illinois (1)	H S
The state of the state of		Wisconsin (3)	

(Reported by the Shigella Surveillance Unit, CDC.)

Figure 1
SEASONAL INCIDENCE
OF REPORTED SHIGELLA ISOLATIONS
FOR 17 STATES* WHICH HAVE REPORTED
SINCE JANUARY 1964



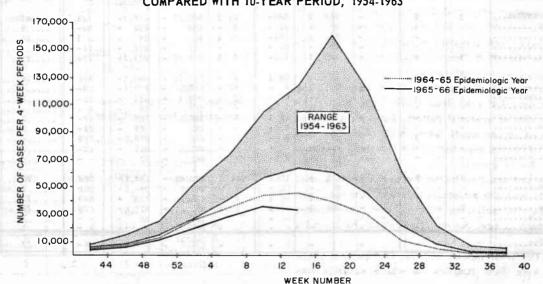
*ALASKA, ARIZONA, HAWAII, ILLINOIS, KANSAS, MARYLAND, NEW JERSEY, NEW MEXICO, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, SOUTH DAKOTA, TENNESSEE. TEXAS. VERMONT.

CURRENT TRENDS - MEASLES

During the 4-week period ended April 22, 1966, there were 32,790 cases of measles reported. This total is 3,882

cases less than the total notified during the preceding 4-week period (Figure 2).

Figure 2
MEASLES REPORTED BY FOUR-WEEK PERIODS — UNITED STATES
EPIDEMIOLOGIC YEARS, 1964-65 AND 1965-66
COMPARED WITH 10-YEAR PERIOD, 1954-1963



CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED BONE THOUGHCE parcinc of all lealantons.

APRIL 30, 1966 A	AND MAY	1, 1965	(17th WEEK)
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AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	Prin inclu unsp.	ding	Post- Infectious	DIPH	THERIA	Serum	Infectious	Both Type:
	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965
UNITED STATES	18	36	6	17	32	14	ecor do	ard brid 3	15	531	629
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Massachusetts	-	2		4500	3	-	_	-	-	18	20
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Connecticut	1 1	-	-	1	-	-	111111111111111111111111111111111111111	11-11		5	5
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New York City	3	6	1	3	10	5		-	5	68	109
New York, Up-State.	2	1	1	1	3	3	11.00		3	12	21
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			177	00		-		i de mara es Si	-130-	2	21
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Ohio		-	i	2	3	Lung-off	111		1	29	34
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Illinois	-	3		- 1	1	3	FOR	- NE / P	1	62	20
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Virginia	-	-	1	1	CUNT	8 F T 188 (1242)	3.7	-	_	14	15
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		- 10	1 1954-1964	01903	START.	OF HERM GO	OFFAR	2		4	11
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Arkansas	40	-	Jan 19 3	_	_	- HA - HAR	Contract	1 1 1	0.025	43	14
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			1	7.7%						ii	
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Non Morrico		VOC THE	buy be lied	Dealer.	1		- 11120			2	5
New Mexico				1 F 10	-	36 - 44	-	-	- 1	8	6
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PACIFIC	9	9			7	1	erather-		2.4	0.0	112
Washington.	9	9	Hattle Control	4	1 /	1	- VC110.*		7	98 7	113 13
Oregon	300	-	Walter Street	1	1				- 5	11	13
California	9	9		3	6	1	133	1 / 12	7	78	87
Alaska	CHILD .	40/0	Marin Salah	-	-			246	-	1	1
Hawaii	_		Marketing the s	E-HETT			200		104	1	
		r				1				1	-

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

APRIL 30, 1966 AND MAY 1, 1965 (17th WEEK) - CONTINUED

	MEA	SLES (Rube	ola)	MENINGO	COCCAL INF TOTAL	ECTIONS,	U.S. G. III.	POLIOMY			RUBELL
AREA				111111			Tot	al	Pa	ralytic	10000
	1966	1966	1965	1966	1966	ative 1965	1966	1965	1966	Cumulative 1966	1966
UNITED STATES	8,163	125,966	162,029	65	1,696	1,454			1 01-	6	2,003
NEW ENGLAND	56	1,458	29,735	2	7.5	E 6 1 100					1
Maine	5				75	72			1 2		168
New Hampshire		162	2,128	- 11-	7	8		- 3	W -	market and the second	24
Vermont	1 1	25	341		7	4	DH - 65 H	0	-	and the latest	Will be
Massachusetts	26	204	573	-	3	2		-	-	d	-
Rhode Island	1	564	16,440	-	30	25	-	63	-	and the second second	73
Connecticut	24	62 441	3,196 7,057	2	7 21	11 22	-	1 10	- 1	011-0-19	10 61
IDDLE ATLANTIC	532	14,318	3-1	7	100		-		100		01
New York City	254	7,202	6,990		182	198		-	-	G TO	74
New York, Up-State.	74		750	1	26	31			-	ob * 10.	40
New Jersey		1,522	2,195	3	51	52		-	- 1	action-d	33
Pennsulvania	57	1,530	1,208	1	52	62	- 1	- 11	-	A 40	-
Pennsylvania	147	4,064	2,837	2	53	53	- 1	- 3		- 150	1
AST NORTH CENTRAL	2,791	46,871	30,853	12	256	175			6.1 -	Description.	709
Ohio	312	4,062	6,318	3	70	52	-	-	N 2	No. 1	192
Indiana	395	3,168	1,140	3	41	24	-	- 5			152
Illinois	345	9,149	1,204	3	49	46	_	270			82
Michigan	484	7,672	16,359	3	71	30					100
Wisconsin	1,255	22,820	5,832		25	23		- 15	-	1	183
EST NORTH CENTRAL	446	5,951	12,202	6	93	80				1	
Minnesota	48	1,385	385	2	24	16	. II 2 II		-	1	116
Iowa	341	3,346	6,727	-	13	3			- 4	1	1
Missouri	5	376	1,907	2			-		-	September 1	111
North Dakota	51	796			35	38		-12	-	14 . 10.3	1
South Dakota	1	4	2,829	1	4	4	10.0	-1.00	-	(1)	3
Nebraska	57		64	- I	3	2		- 0	-	e) dell	0 100
Kansas	NN	44 NN	290 NN	1	7 7	9		3.5		Harris -	Denie
OUTH ATLANTIC		10				- 1 110-0		2			
Delevens	565	9,647	18,222	7	270	289	-	5.11	10VI 5	1111	233
Delaware	14	134	403		3	3	-			the receipt	2
Maryland	82	1,457	685		25	30			II - 1	100 mm	20
Dist. of Columbia.	19	326	28		6	4		-	1		1
Virginia	66	1,022	2,867	1114- 3	38	30		3	e - I		55
West Virginia	130	3,615	10,716	- ()- T	9	23	-	-10			79
North Carolina	17	167	210	1	54	43	-				d being
South Carolina	25	451	751	3	39	45	in - iii	-05		-	19
Georgia	8	185	528	- X	41	40				1	
Florida	204	2,290	2,034	3	55	71	a. 16-42		1 ×		57
AST SOUTH CENTRAL	836	14,132	10,222	4	143	105	+	1 15	31.	77.00	105
Kentucky	77	3,979	1,980	4	66	46		1.0	200		195
Tennessee	666	8,177	5,642	10 10 5	41	31	_				48
Alabama	38	1,267	1,785		27	22			V-1 - 1		146
Mississippi	55	709	815	uni e	9	6	-			-	1
EST SOUTH CENTRAL	1,284	15,074	23,068	13	260	221	4				
Arkansas	98	523	882	13		231	- 1	15.0		3	6
Louisiana	4	72			14	12	-	1.00		*********	-
Oklahoma	11	323	58 135	10	105	132		-0.0		F-01-7-13	
Texas	1,171	14,156	21,993	2	10 131	16 71		1.0		1 2	-
OUNTAIN		100	ALC: U			and so to		127		2	6
Montana	516	7,064	12,725	4	60	51	10		0.10		171
Montana	83	1,073	2,882	1 -	4	1	-	- 40	-		7
Idaho	57	712	1,800	2	3	7		- 40		-	Terral I
Wyoming	4	93	635	10-	1	2	-	9-10		120 (112 - 114	50
Colorado	57	737	3,082	1 _	33	11	01	- 01	100.11	10000	38
New Mexico	65	530	483	1	9	8	-	- 12	1	11-1-1-0	x01 (4)
Arizona	227	3,679	549		8	15	Sim-sali	- 10	- 41		75
Utah Nevada	23	216 24	3,156	1 . 1	-	5		1.0	h - }		1
		24	138		2	2		17.67	-	- 18	
ACIFIC	1,137	11,451	18,012	10	357	253		1 2			
Washington	108	1,960	5,124	1	22	18			Salve I	1	331
Uregon	48	843	2,437	4	24				-	1	126
California	975	8,514	8,306	5	294	18		Little Control		100000000000000000000000000000000000000	30
Alaska	,,,,	58	106			209			· ·	(4444) - 144	166
Hawaii.	6	76	2.039	* II = 3	14	5	5 1	Section 3		******	2
			6.037			3	_		-		. 7

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

APRIL 30, 1966 AND MAY 1, 1965 (17th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETA	NUS	TULAR	EMIA	TYPI	HOID	TICK-	FEVER -BORNE - Spotted)	RABII ANII	
AREA MANAGEMENT	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966
UNITED STATES	10,482	1	35	A - 1 - 45	47	11	93	- 187.2	9	116	1,518
NEW ENGLAND	7 610	1 2	2	Service Land	1	1	4	1 - 2 - 1	a very	6	22
Maine	1,610 185		_	1 3	1	1	4			2	2
New Hampshire	14		1 2	1 1		100	1 12			2	8
Vermont	17		-		-	- 17	_			2	12
Massachusetts	291		2	E 96	1	1	1	-	S	14-11-	Yt.
Rhode Island	64	-	1 11	-4	- 0	100	15 1	-		and the	
Connecticut	1,056	-	- 1	1 14 - 14	11-1	260	3	-	S		
MIDDLE ATLANTIC	200			1 1 20	1.3		2/	0.51	17	7	110
	309		5	1 7 77		1	24 12	66.7	1		110
New York City	30 214	b	3	1 1 1 1 1 1	11.		3	204 0	6 1	6	104
New York, Up-State.	NN		1 1 2	1 1 1 1 1 1 1 1		3	6	1.5	£ 100	0	104
New Jersey Pennsylvania	65		2	0 - 10		1 10	3	media I	A 1 -	1	1
remisyrvania	0.5	_		-			,			1	
EAST NORTH CENTRAL	1,363	-	3	8 - 15	12	1	15	Linear L	21.6	18	216
Ohio	142	-	1-1	1 4 - 10	3	1	7	50.4	TE 1 2 400	13	117
Indiana	301	_	1	- H	3	1.04	1	-		2	47
Illinois	303	-	1	- 11 -39	5	1.000	2	201 1	160	2	17
Michigan	363	-	1	1 - 1	- 1	1 20	2	343	100 J	Per Line	17
Wisconsin	254	51 T*	-	1 - 31	1	1 20	3	0.00	Herita	1	18
WEST NORTH CENTRAL	486	_	2		3	1 1	10	F 12/5 H	56A 1-1	21	326
Minnesota	7		_	4	-	120	10	61876	1	7	62
Iowa	261		1 12	5 L (4)		- 193	3	MC.5	Sec. 1 Inches	2	7
Missouri	8	-	2	-13	1	1	5	-		5	123
North Dakota	130	-	_		1 2	1 22	-	3 17	40 200	1	6
South Dakota	28	-	-	-51		11 / 24	-	4 -			33
Nebraska	2	-	-	1 - 8	- 1	7 263	1		-1811		7
Kansas	50	-	1 1 2	- 1	2	1 2	1		1	6	24
F B 100 - 15 - A 15			1 1			4 200		La T	445		
SOUTH ATLANTIC	1,004	-	8	-	6	3	18	777 -	6	21	202
Delaware	36		-			1 100	-	70.	T. 1	100	
Maryland	115	-	-			1 200	5	100	11 113	trainfall	- 35
Dist. of Columbia	25		7	1 1	2	I 20	-	12.1			129
Virginia	388	_		1 7	1	- 10	6		2	7 8	29
North Carolina	234 13		100	1 12	2	× 203	2	di I	3	_	
South Carolina	72		1	75	1	2	2	(2A >)	3 2	Art Line	
Georgia	7		3	- 49		200	-	ee -	1	4	27
Florida	114		4	- 11-12	- 3	1	2	078.3	R8 1	2	17
EAST SOUTH CENTRAL	1,625	-	2	-40	12	7 (-15)	7	25.51	194 L	21	218
Kentucky	300			~ /4-55	2	-33	1	15-9		6	33
Tennessee	1,148			1 1 - 19	6	1 70	4		100	13	177
Alabama	107	-	2	2 1 1 3 - V	4		2	1811	5 1	2	8
Mississippi	70	1111	-	-		1 1		1	11		
WEST SOUTH CENTRAL	956		8	- 00	11	1.8	4	40,6	100, 1, 1	10	313
Arkansas	8		2	1 20	9	30		4 32.3	1	10	38
Louisiana	1		3	10.00	1	1	1		FA 12 65	din 1	17
Oklahoma	54	1/-	21	- 1-01	-	50	1	6.1 - 1		4	88
Texas	893	Jan - 5	3	- 17	1	1	2	Milyel		6	170
MOUNTATN	- 1 to -						Eq. III	A 5 m	0K . 3%		01
MOUNTAIN	1,610	-	I I	- 00	1		6	000	K I	4	29
MontanaIdaho	60	-		2010	774	1 . 15	F 13 T 14			1	
Wyoming	130	10 5	현토함	et tiet		19 16	P 105		1		
Colorado	27	HI ST	1	N. A. S. S.	114 1	1 1 5	2	157 1 19	Re illasi	refer d	1
New Mexico	1,001	III TO THE	1.0				-	0.00	b 11		100
Arizona	66	10.3				1 19	1	93.4	155	3	15
Utah	117	111	241 150	17. 7	1 1	120	3	WE 1 1	100		11111
Nevada			11.5	1 to 1 to	- 1	1 1		AF F	a till on	10000	
		14			111		1 1 1 1			138	
PACIFIC	1,519	1 1	4	YII.	1	100	5	Steads	Alleg & Local	8	82
Washington	479	100			- 100	1 6		CHANGE IT	801 1 200	co (color)	1000
Oregon	30	-	20	1-36	el 13 - 3	1 2	1		RE BLAN	(c)2- e1	1
California	915	1	4		1	101-0	3		139	8	8:
Alaska	45		11.3.	- 1	111.5	-	- 7		10 400	•	
Hawaii	50	110		-			1				-
Puerto Rico	7	_	15		.10.0 - 3	1	4	202.1.20	Jan 152-111	- 11 - 12	11174

Week No.

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED APRIL 30, 1966

17

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

CONTRACTOR I	All Ca	uses	Pneumonia	Under		All Ca	uses	Pneumonia	Unde
Area	All Ages	65 years and over	and Influenza All Ages	l year All Causes	Area	All Ages	65 years and over	and Influenza All Ages	l yea All Cause
EW ENGLAND:	756	464	32	25	SOUTH ATLANTIC:	1,189	666	66	63
Boston, Mass	249	145	8	11	Atlanta, Ga	124	58	3	14
Bridgeport, Conn	38	23	2	ibnés 1	Baltimore, Md	263	156	11	9
Cambridge, Mass	31	26	4 1770	E W	Charlotte, N. C	53	28	1614	1
Fall River, Mass	21	12	SOURCE U.	-ATE	Jacksonville, Fla	58	26	3	4
Hartford, Conn	64	32	1	2	Miami, Fla	78	48		2
Lowell, Mass	24	11	2	1	Norfolk, Va	47	23	10	4
Lynn, Mass	23	15	1	1	Richmond, Va	83	48	3	4
New Bedford, Mass	17	13	2	44 10	Savannah, Ga	36	21	3	2
New Haven, Conn Providence, R. I	41	21	4	1	St. Petersburg, Fla	94	80		1
Somerville, Mass	75 16	46 13	2		Tampa, Fla Washington, D. C	69	33	8	2
Springfield, Mass	53	39	4		Wilmington, Del	235 49	120	10	17
Waterbury, Conn	29	18	1	2	William group, Dell	49	25	3	3
Worcester, Mass	75	50	5	4	EAST SOUTH CENTRAL:	603	324	35	36
DDIE AMIANMEG.					Birmingham, Ala	99	47	1001	7
DDLE ATLANTIC:	3,411	2,034	160	174	Chattanooga, Tenn	46	24	5	6
Allentown Pa	47	29	1	3	Knoxville, Tenn	42	26	2	3
Allentown, Pa Buffalo, N. Y	33	21		1	Louisville, Ky	100	62		3
Camden, N. J	180 47	109 26	11	5	Memphis, Tenn Mobile, Ala	141	73	7	
Elizabeth, N. J	34	26	1 2	2	Montgomery, Ala	61 28	28 21		
Erie, Pa	60	38	4		Nashville, Tenn	86		3	
Jersey City, N. J	59	44	2		HIGH WE STIMM Carport I	00	43	state and 3	and A
Newark, N. J	121	60	6	17	WEST SOUTH CENTRAL:	1,202	610	57	73
New York City, N. Y	1,730	1,029	93	86	Austin, Tex	27	16	7	3.01
Paterson, N. J	42	29		2	Baton Rouge, La	39	17	3	4
Philadelphia, Pa	509	302	15	30	Corpus Christi, Tex	20	7	1	5 N/6 1
Pittsburgh, Pa	204	105	4	9	Dallas, Tex	160	82	6	10
Reading, Pa	50	32	2	3	El Paso, Tex	42	22		3
Rochester, N. Y	93	60	8	4	Fort Worth, Tex	73	43	5	4
Schenectady, N. Y Scranton, Pa	18	8		-	Houston, Tex.	226	98		20
Syracuse, N. Y	35	28	n char	NOT IT	Little Rock, Ark	73	43	3	1 2
Trenton, N. J	55 34	37 16	3	1	New Orleans, La Oklahoma City, Okla	199 94	101 53	6 3	13
Utica, N. Y	28	18	3	1	San Antonio, Tex	110	58	2	u 00 5
Yonkers, N. Y	32	22	3	2	Shreveport, La	75	39	10	4
				_	Tulsa, Okla	64	31	3	2
ST NORTH CENTRAL:	2,684	1,537	114	157	1045-H			PARESTA.	V3166
Akron, Ohio	69	43	-	1	MOUNTAIN:	414	220	20	40
Canton, Ohio	32	20	3	3	Albuquerque, N. Mex	47	24	8	1
Chicago, Ill	772	421	36	41	Colorado Springs, Colo	26	12	4	7
Cincinnati, Ohio	170	99	4	6	Denver, Colo	120	60	4	18
Cleveland, Ohio	225	128	3	17	Ogden, Utah	13	6		3
Columbus, Ohio	124	75	3	6	Phoenix, Ariz	102	48	4	4
Dayton, Ohio	75	49		4	Pueblo, Colo.	16	12	Dark speci	1
Detroit, Mich.# Evansville, Ind	376	211	17	20	Salt Lake City, Utah	39	25		3
Flint, Mich	42	21	2	3	Tucson, Ariz	51	33	(((((((((((((((((((10000
Fort Wayne, Ind	57 42	30 26	5 4	6 2	PACIFIC:	1,623	949	42	0.
Gary, Ind	31	16	3	1	Berkeley, Calif	18	9	1	82
Grand Rapids, Mich	56	34	7	7	Fresno, Calif	43	27	2	2
Indianapolis, Ind	138	80	ģ	10	Glendale, Calif	20	16	1	10159
madison, Wis	33	17	1 2	4	Honolulu, Hawaii	57	22		5
"lwaukee, Wis	139	80	3	8	Long Beach, Calif	76	46		2
Peoria, Ill	37	22	-4	2	Los Angeles, Calif	499	284	1	23
Rockford, Ill	51	29	7	4	Oakland, Calif	103	54	0.000051	13
South Bend, Ind	54	37	2	3	Pasadena, Calif.*	37	26		1 000
Toledo, OhioYoungston Ohio	98	58	5	8	Portland, Oreg	114	70	5	8
Youngstown, Ohio	63	41	1	1	Sacramento, Calif.	76	42		-
ST NORTH CENTRAL:	0.07	550	4.0	1.0	San Diego, Calif	108	70	1	2
Des Moines, Iowa	907	559	42	48	San Francisco, Calif San Jose, Calif	163	91 27	5	3
Duluth, Minn	68 36	45 23	4	6	Seattle, Wash	42 166	96		10
Mansas City, Kans	42	23	5	6	Spokane, Wash	55	41	5	10
Mansas City. Mo	163	100	3	4	Tacoma, Wash	46	28	2	1
uncoln. Nebr	31	22	3	- 4	, , , , , , , , , , , , , , , , , , , ,	40	20	-	110
"Inneapolis, Minn	113	69	9	9	Total	12,789	7,363	568	698
maha, Nebr	77	51	_	5		,,,,,	1 /,555	1 300	1 070
Louis. Mo	238	143	7	11	Cum	ulative T	otals		0.40
Paul, Minn	80	56	7	3	including reporte			revious we	eks
Wichita, Kans	59	30	6	3	2 3 5 b		i	1. 144	
*Estimate - based on av		ent of dis	uleional to	tal	All Causes, All Ages All Causes, Age 65 and o Pneumonia and Influenza, All Causes, Under 1 Year	ver All Ages		631,3	89 08

CURRENT TRENDS - MEASLES

(Continued from page 147)

A comparison of the incidences during the same two 4-week periods in 1964 and 1965 is shown below:

Year	Weeks 9 to 12	Weeks 9 to 12 Weeks 13 to 16				
1964	66,809	99,637	+32,828			
1965	44,351	45,560	+ 1,209			
1966	36,672	32,790	- 3,882			

During weeks 13 to 16 in 1964, 25 States reported an increase of more than 250 cases over the preceding 4-week period, with a range of 264 to 8,158 cases. The following year, only six States reported an increase over the comparable preceding 4-week period with a range of 328 to 1,611 cases. During the same time periods in 1966, three States reported more than a 250-case increase with a range of 345 to 829 cases. This earlier seasonal decline in incidence, during a year when a severe measles epidemic was expected, is being studied in relation to the overall distribution of measles vaccine and to the mass measles immunization campaigns being conducted by local health author-

(Reported by the Childhood Virus Disease Unit, Epidemiology Branch, CDC.)

INTERNATIONAL NOTES VARIOLA MINOR IN BRITAIN

One non-imported laboratory confirmed case of variola minor in Walsall, Staffordshire, England, has been reported to the World Health Organization.

The patient is a 16-year-old girl who began to have symptoms on April 16. The clinical course of the illness is reported to have been very mild and the girl is making a good recovery.

There are two other suspect cases in a 14-year-old boy and a 4-year-old girl who are under observation in hospital. Both were living in close proximity to the confirmed case.

The source of infection has not yet been identified and epidemiological investigations are continuing. All known contacts of the proved case and of the suspect cases have been vaccinated and placed under surveillance.

(Compiled from information received from the Ministry of Health, London, through the U.S.P.H.S. Division of Foreign Quarantine, and from the WHO.)

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CHIEF, COMMUNICABLE DISEASE CENTER CHIEF, EPIDEMIOLOGY BRANCH ACTING CHIEF, STATISTICS SECTION

DAVID J. SENCER, M.D. A.D. LANGMUIR, M.D. IDA L. SHERMAN, M.S.

EDITOR: MMWR

COMMUNICATIONS

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND A BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDU STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUC ON SATURDAY: COMPILED DATA ON A NATIONAL BASIS ARE RELEAS ON THE SUCCEEDING FRIDAY.

HEALTH, EDUCATION, AND WELFARE Communicable Disease Center PUBLIC HEALTH SERVICE Atlanta, Georgia Official Business